



CONSTRUCTION EQUIPMENT

380488 16-8007 - FRONT AXLE



Sample No: VCP392230
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: 380488



SAMPLE INFORMATION

Sample Number	VCP392230	VCP352288	VCP273915	VCP260956
Sample Date	02 Oct 2023	14 Jun 2022	03 Mar 2021	04 Oct 2019
Machine Hours	9832	8048	5950	4145
Oil Hours	0	2000	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CRH CANADA GROUP INC.
P.O. BOX 5400
CONCORD, ON
CA L4K 1B6
Contact: Dan Brown
dan.brown@ca.crh.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	43.0	39.7	40.3	40.9
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CONTAMINATION

Silicon	ppm	18	10	11	11
Sodium	ppm	2	6	2	2
Potassium	ppm	14	1	9	6



WEAR METALS

Iron	ppm	155	165	124	86
Copper	ppm	<1	1	<1	1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	<1	<1
Chromium	ppm	2	4	2	3
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	1	1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	<1	<1
Manganese	ppm	1	2	2	2
Vanadium	ppm	0	<1	<1	<1



ADDITIVES

Calcium	ppm	4262	2641	3552	3621
Magnesium	ppm	15	11	11	12
Zinc	ppm	1636	1168	1466	1504
Phosphorus	ppm	1327	965	1213	1225
Barium	ppm	<1	0	0	<1
Boron	ppm	121	72	96	104

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: HOLCON
Unique No: 5655558
Signed: Wes Davis
Report Date: 03 Oct 2023



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GRAPHS

